| Ind | ex of | Claims |  |
|-----|-------|--------|--|
|     |       |        |  |

| Appl | ication/ | Control | No. |
|------|----------|---------|-----|
|      |          |         |     |

Applicant(s)/Patent under Reexamination

09/913,649

Examiner

ITO ET AL. Art Unit

Julie-Huyen L. Ngo

2871

Rejected Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| + | Restricted                     |

| Z | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|              |                       | L            | Ľ        |              |         |           |         |         | L            |              |              |
|--------------|-----------------------|--------------|----------|--------------|---------|-----------|---------|---------|--------------|--------------|--------------|
| _            |                       |              |          | 1            |         |           |         |         |              |              |              |
| <u></u> C    | laim                  |              |          | $\mathbf{I}$ |         | D         | ate     |         |              |              | ]            |
| 1            | 1                     | 4            | 1        |              | 1       |           |         |         | Ī            | Τ            | Ī            |
| Final        | Original              | 9/8/04       | 19       | ル            | $\c \$  |           |         |         |              | 1            | ı            |
| -            | Ō                     | "            | 10       | Ø            | #       | 1         |         | ł       |              |              |              |
|              | 1<br>2<br>3<br>4<br>5 | 1            | 2        | 手            | 7       | Ţ         | I       | I       | Τ            | Ţ            | ]            |
| <u> </u>     | 12                    | 77           | #        | +            | ₩       | ╀         | +       |         | 4-           | ╀            | 4            |
| -            | 13                    | 1            | ₩        | ╁            | #       | ╁         | +       | ┿       | ┿            | ┿            | ┨            |
| <b>-</b>     | 1 5                   | 7            | ₩        | ᠰ            | ₩       | +         | +       | ╬       | ╫            | ╁            | ┨            |
| <b></b>      | 6                     | V            | 1        | 1-           | ╪       | +         | ┰       | +       | +            | ╁            | ┨            |
| <b></b>      | 13                    | 77           |          | Ť            | 7       | +         | +       | ╅       | ╅            | +            | 1            |
|              | 10                    | 17           | Τ        | T            | 十       | 十         | $\top$  | 1       | 十            | 1            | 1            |
|              | 9                     | 1            | Ξ        | 1            | =       | T         |         | $\top$  |              | Ι            | 1            |
|              | 10                    | 1            | Ц        | Ц            |         |           |         | I       | $\perp$      |              | ]            |
| <u></u>      | 11                    | V            | Ц        | И            |         | 4         | 4       | 4       | 1            | $\perp$      | 4            |
| <u></u>      | 12<br>13              | 7            | Ľ        | 炓            | 4       | +         | 4       | 4       | +            | +-           | 4            |
|              | 13                    |              | F        | 1=           | 4       | +         | +       | +-      | +            | +            | ┨            |
| $\vdash$     | 100                   | N            | H        | ╁            | +       | +         | +       | +       | +-           | +            | ┨            |
|              | 18                    | N            | H        | ╁            | +       | ┿         | ╁       | ╁       | ┿            | ╁╌           | ┨            |
|              | 12                    | N            | Н        | ╁            | ╁       | +         | ╈       | ╈       | ╁╌           | ╁            | 1            |
|              | 138                   | N            | Ħ        | t            | +       | $\dagger$ | +       | †       | +            | T            | 1            |
|              | 19                    | N            | П        | Τ            | 1       | T         | 1       | 1       | $\top$       | Τ            | 1            |
|              | 28                    | N            | П        |              | Γ       | Ι         | I       |         | $oxed{\Box}$ |              | ]            |
| <u></u>      | 21                    | N            | Ц        | L            | 1       | 1         | _       | ┸       | ┸            | $\perp$      | ]            |
| <u> </u>     | 22                    | N            | H        | V            | 4       | ╀         | +       | +       | ↓_           | ╄            | Į            |
| -            | 28                    | N            | K        | 4            | ╀       | ╀         | +-      | ╄       | ╀            | 1            | -            |
| <b> </b>     | 24<br>25              | V            | =        | 1=           | ╪╌      | ╀         | ╁╌      | ┿       | ╫            | ╁            | ┨            |
| <del> </del> | 26                    | Ì            | Ξ        | 13           | +       | +         | +-      | +-      | ╁╴           | ╁            | 1            |
|              | 27                    | <del> </del> | _        | T            | 7       | +         | +       | +-      | †            | $\vdash$     | 1            |
|              | 28                    |              | Г        |              | $\top$  | T         | Τ       | $\top$  | 1            | T            | 1            |
|              | 29                    |              |          |              |         | Τ         |         |         |              |              | 1            |
|              | 30                    | L            |          | L            | $\perp$ | L         | $\perp$ | $\perp$ |              |              | ]            |
|              | 31                    | <u> </u>     | <u> </u> | 1            | 4       | 4         | 1       | ╀-      | ↓_           | 4_           | 1            |
| -            | 32<br>33              | Н            | -        | -            | +-      | +         | +       | ╀       | +            | +-           | 1            |
|              | 34                    | $\vdash$     | -        | ⊢            | +       | +         | +       | ╀       | ╁╴           | $\vdash$     | $\mathbf{I}$ |
| $\vdash$     | 35                    | $\vdash$     | $\vdash$ | $\vdash$     | ╁       | +         | +       | ╁       | +-           | ╁            | 1            |
|              | 36                    | H            | -        | 1            | T       | ✝         | t       | $^{+}$  | †            | T            | 1            |
|              | 37                    |              |          |              | T       | T         | T       | 1       |              |              | 1            |
|              | 38                    |              |          |              | Γ       | I         | I       | Γ       | Γ            |              | ]            |
| ļ            | 39                    |              |          | L            | Ĺ       | L         | L       | $\prod$ |              |              |              |
| ļ            | 40                    | Ш            |          | L            | ╀       | ╀-        | 1       | 1       | <u> </u>     | lacksquare   | 1            |
|              | 41                    | Ц            | _        | L            | ╀       | $\vdash$  | +       | +       | ┼-           | -            | 1            |
| <u> </u>     | 42<br>43              | $\dashv$     | _        | ┝            | ╀       | ╀         | +       | ╁       | -            | $\vdash$     |              |
|              | 43                    | $\dashv$     |          | $\vdash$     | ╁       | +         | ÷       | +       | ╁            | $\vdash$     |              |
|              | 45                    |              |          | -            | †       | $\vdash$  | +       | t       | ┼            | <del> </del> |              |
|              | 46                    |              |          |              | Ī       | T         | T       | †       | 1            | П            |              |
|              | 47                    |              |          |              | L       | Γ         |         | Γ       |              |              |              |
|              | 48                    | コ            |          |              |         | L         | L       |         |              |              |              |
|              | 49                    | 4            | _        |              |         | L         | L       | Ļ       | L            | Ш            |              |
|              | 50                    | ŀ            | - 1      | 1            | 1       | 1         | 1       | 1       | í            | ı            |              |

| CI               | aim      | Γ        |          |              |  | Da   | te           |  |  |                 |
|------------------|----------|----------|----------|--------------|--|--|--------------|--|--|-----------------|
|                  |          |          | Т        | Т            | T  |  | Т            | Т  | Т  | T               |
| Final            | Original |          |          |              |  |  |              |  |  |                 |
| _                | 51       | ┝        | ╁        | +            | ╁  | +  | ╁╴           | ╁  | ╁  | ╁               |
|                  | 52       | Т        | 1        | 1            | T  | 1  | Т            | 1  | $\top$   | $\top$          |
| <b>—</b>         | 53       | ⊢        | ╆        | +            | ╈  | +-   | ┿            | ┿  | ┿  | ╁               |
| <u> </u>         | 54       |          | ╀╌       | ╁            | ┿  | ╁  | +-           | ╁  | ┿  | ╁╾              |
| -                | 55       |          | ╁┈       | ╁            | ╁  | ╀  | ╀            | +-   | +-   | ┼               |
|                  | 55       | <u> </u> | ╄        | ↓_           | ╁  | 4-   | ↓            | +-   | ļ  | <del> </del>    |
| ļ                | 56       | <u> </u> | Ļ.       | <del> </del> | 4  | <del> </del>                                     | 1            | ┸  | ┸  | <b>_</b>        |
| <u> </u>         | 57       | L        | ـــ      | ┸            | 1  | 1  | ┖            | Ļ  | _  | _               |
|                  | 58       |          | L        | _            |  | 丄  |              | 1  |  |                 |
|                  | 59       |          |          | L            |  | 1  |              |  | <u>L</u>   |                 |
|                  | 60       |          |          |              | Г  | T  | Г            |  |  |                 |
|                  | 61       |          |          | Т            | Т  | Т  | Т            | Т  | Τ  | Т               |
|                  | 62       |          | 1        | Τ            | Τ  | Τ  | 1            | Т  | 1  | T               |
|                  | 63       |          | 1        | T            | 1  | 1  | †            | 1  | 1  | T               |
|                  | 64       | $\vdash$ | t        | $\top$       | 1  | T  | †            | $t^-$  | Т  | T               |
|                  | 65       |          | 1        | 1            | 1  | 1  | ✝            | 1  | T  | $\vdash$        |
| $\vdash$         | 66       | _        | ┢        | ┪            | ╁  | t  | ╁╴           | +  | ╁  | $\vdash$        |
| -                | 67       |          | -        | ╁            | ╁╌   | ┿  | ╁╌           | ┢  | +-   | ╌               |
| -                | 68       |          | ⊢        | ╁            | ╁  | ┼  | ╁╾           | ⊢  | ╁  | ⊦               |
|                  | 69       | —        | ⊢        | ╀            | ╫  | ┼  | ╂            | ┼  | $\vdash$   | ⊢               |
| $\vdash$         | 70       | _        | ┝        | ╂            | ╀┈   | ╀  | ╀            | ┿  | ╂  | ├               |
| $\vdash$         | 70       | _        | <b> </b> | -            | ╀-   | ╄  | ⊢            | ╀  | ┼-   | ┞—              |
| $\vdash$         | 71       |          | <u> </u> | ├-           | ╀  | ╄  | ┡            | ╄  | ↓_   | <u> </u>        |
| <b> </b>         | 72       |          | <b> </b> | ↓_           | <u> </u>   | ┞.   | _            | Ļ  | _  | L               |
| L                | 73       |          | L        | <u> </u>     | <u> </u>   | ╙  | L            | L_   | _  | L.              |
| $\perp$          | 74       |          | L        | ـــــ        | <u>_</u>   | 上  | L            | <u></u>  | <u> </u>   |                 |
| L                | 75       |          |          |              | L  | <u></u>  | <u> </u>     | <u> </u>   |  |                 |
|                  | 76       |          | L        |              | <u>L</u>   | _  | <u> </u>     | <u> </u>   |  |                 |
|                  | 77       |          |          |              |  |  |              |  |  |                 |
|                  | 78       |          |          | П            |  |  |              |  | Г  |                 |
|                  | 79       |          |          | Π            |  | Г  | Г            | Г  |  |                 |
|                  | 80       | -        |          | Г            | Т  |  |              | Г  |  | П               |
|                  | 81       |          |          | Г            |  | Т  | _            | _  |  | П               |
|                  | 82       |          | _        | _            | _  |  |              | 1  | ╆┈   | t──l            |
|                  | 83       | _        | Т        | <b>†</b>     | 1  | <del>                                     </del> | <del> </del> | _  | $\vdash$   | Н               |
|                  | 84       | -        | Т        | Ι            | Т  | T  | Г            | <b>—</b>   | 1  | Н               |
| $\square$        | 85       | _        | -        |              | Н  | $\vdash$   | Н            | 1  | 1-   | Н               |
| $\vdash$         | 86       | -        | -        |              | Н  | $\vdash$   | $\vdash$     | <del>                                     </del> | <del>                                     </del> | Н               |
| $\vdash$         | 87       | $\neg$   |          | 1            | <del>                                     </del> |  | $\vdash$     | $\vdash$   | ├─   | ┢═╢             |
| $\vdash$         | 88       |          |          | 1-           | $\vdash$   | ╁  | $\vdash$     | -  | -  | ┝╾┥             |
| <del>     </del> | 89       | -        |          | $\vdash$     | $\vdash$   | Ι  |              | -  | -  | Н               |
| <del></del>      | 90       |          |          | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$     | ├  | -  | H               |
| $\vdash$         | 91       | -        | _        | ├            | ├  |  | $\vdash$     | $\vdash$   | $\vdash$   | Н               |
| $\vdash$         |          | 4        |          | $\vdash$     | ⊢  | -  | H            | Η-   | $\vdash$   | Н               |
| <del>  </del>    | 92       | 4        |          | $\vdash$     | ⊢-   | Н  | $\vdash$     | <b> </b>   | ⊢  | Н               |
|                  | 93       |          |          | <b> </b> -   | -  | -  |              |  | $\vdash$   | $\vdash \vdash$ |
|                  | 94       | 4        | _        | Н            | -  |  |              |  | Н  | Н               |
| $\vdash \vdash$  | 95       | _        |          | _            | <u> </u>   | Ш  | Щ.           | <u> </u>   | Щ  | Щ               |
| <b>  </b>        | 96       | _        | _        | Ь.,          | <u></u>  | Щ  | Щ            | L.,  |  |                 |
| $\sqcup$         | 97       | _        | _        | L_           | Ш  | Ш  | Щ            |  | Щ  | Ш               |
| $\vdash \vdash$  | 98       |          |          | :            | Щ  | Ш  | Щ            | Ш  | Ш  |                 |
| $\sqcup$         | 99       | ļ        |          |              | Ш  | Ш  |              |  |  |                 |
| . T              | 4 A A T  | - 1      |          |              |  |  |              |  |  |                 |

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|                   | _               | _  |          |          |              |              | _        | _  |                 |  |
|-------------------|-----------------|----|----------|----------|--------------|--------------|----------|--|-----------------|--|
| Claim             | Date            |    |          |          |              |              |          |  |                 |  |
| Final<br>Original |                 |    |          |          |              |              |          |  |                 |  |
| 101               |                 |    | T        | T        | †            | t            | $\vdash$ | 十  | †               |  |
| 101<br>102        |                 |    |          | Ι        | Γ            |              |          | Ĺ  |                 |  |
| 103               |                 |    | L        | L        | $\perp$      |              |          | L  |                 |  |
| 104               | Ш               |    | L        | 1        | ┺            | 1            | 1        | ↓_   | _               |  |
| 105               | Ш               | _  | ├        | ┿        | ┼            | ╀            | ┝        | ╄  | ┼               |  |
| 106<br>107        | -               |    | ├        | +        | ╫            | -            | ╀        | ╫  | -               |  |
| 108               |                 |    | ╁        | +        | ╆            | ⊢            | ╁        | ╂╌   |                 |  |
| 109               | Н               |    | T        | 1        | T            | $\vdash$     | t        | T  | ┢               |  |
| 110               |                 |    |          |          | Τ            |              |          | T  |                 |  |
| 111               | Ш               |    |          |          | <u> </u>     |              |          |  |                 |  |
| 112               | $\sqcup$        |    | L        | ↓_       | <del> </del> | <del> </del> | Ļ        | $\perp$  | $\sqcup$        |  |
| 113               | $\vdash \vdash$ |    | $\vdash$ | ┼        | ╁┈           | -            | -        | ╄  | $\vdash$        |  |
| 114<br>115        | $\vdash$        |    | ⊢        | $\vdash$ | $\vdash$     | -            | ╀        | ╀  | Н               |  |
| 116               | ╌┤              | _  | ┢        | ╁╌       | ╁            | ┢            | ┝        | ╁  | Н               |  |
| 117               | Н               | _  | H        | H        | ╁            |              | ┢        | 1-   | Н               |  |
| 118               |                 |    | Г        | $\vdash$ | †            | Г            | Τ        | 1  | П               |  |
| 119               |                 |    |          |          |              |              |          |  |                 |  |
| 120               | Щ               |    | L        | L        | L            | L            | L        |  |                 |  |
| 121               |                 | _  | L        | ├-       | <b> </b> _   | ⊢            | <u> </u> | ـــــ  | Н               |  |
| 122               | $\dashv$        | _  | <u> </u> | -        |              | -            | -        | ⊢  | Н               |  |
| 123               | $\dashv$        |    | ┝        | ┢        | ╁            | ┢            | ┝        | -  | Н               |  |
| 125               |                 | _  | Н        | ╁        | †            | -            | ┢        | ╁  | Н               |  |
| 126               |                 | _  | _        | 1        | _            | T            |          | 1  |                 |  |
| 127               |                 |    |          |          |              |              |          |  |                 |  |
| 128               | $\Box$          |    | _        | L        |              | L            | L        | L  | Ц               |  |
| 129               | _               |    | _        | L        | ╙            | <u> </u>     | L        | ╙  | Ш               |  |
| 130<br>131        | $\dashv$        |    | _        | -        | ├            |              | -        | ├  | $\vdash$        |  |
| 132               | -               | _  | -        | -        | <del> </del> | ├-           | -        | ╁  | Н               |  |
| 133               | $\neg$          |    |          | ┪        |              | -            | $\vdash$ | <del>                                     </del> | Н               |  |
| 134               |                 |    | _        |          |              |              |          |  | П               |  |
| 135               | $\Box$          |    |          |          |              |              |          |  |                 |  |
| 136               | 4               | _  |          | L        | Ш            |              | L        |  | Ш               |  |
| 137               |                 |    |          | <u> </u> | Н            |              | L        | _  | $\vdash \vdash$ |  |
| 138<br>139        |                 |    |          | ┝        | -            |              | -        | -  |                 |  |
| 140               |                 |    |          | $\vdash$ | Н            |              |          |  | Н               |  |
| 141               | 寸               | ╛  |          | Г        | П            |              |          |  | Н               |  |
| 142               |                 |    |          |          |              |              |          |  |                 |  |
| 143               | $\Box$          |    |          |          |              |              |          |  |                 |  |
| 144               | -               | -4 |          | _        | -            | $\dashv$     |          | Н  |                 |  |
| 145<br>146        | $\dashv$        | -  |          | -        |              |              |          |  |                 |  |
| 147               | +               | -  | -        |          | Н            | $\dashv$     |          | Н  | $\dashv$        |  |
| 148               | $\dashv$        | +  | -        | Н        | $\dashv$     | -            |          | $\vdash$   | $\dashv$        |  |
| 149               | 7               | 7  |          | П        | $\Box$       |              |          | П  | $\dashv$        |  |
| 170               |                 |    |          |          |              |              |          |  |                 |  |